

2005 MAG Conformity Analysis - FY 2004-2007 TIP and RTP

MAG Regional Council

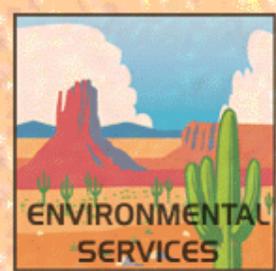
May 25, 2005





Air Quality Conformity

- **Transportation and air quality are linked**
- **Clean Air Act requires transportation plans, programs, and projects to conform to the purpose of the air quality plans**
- **Ensures that transportation activities do not cause violations of the air quality standards**
- **Air quality plans set motor vehicle emission budgets**

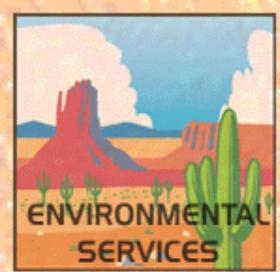
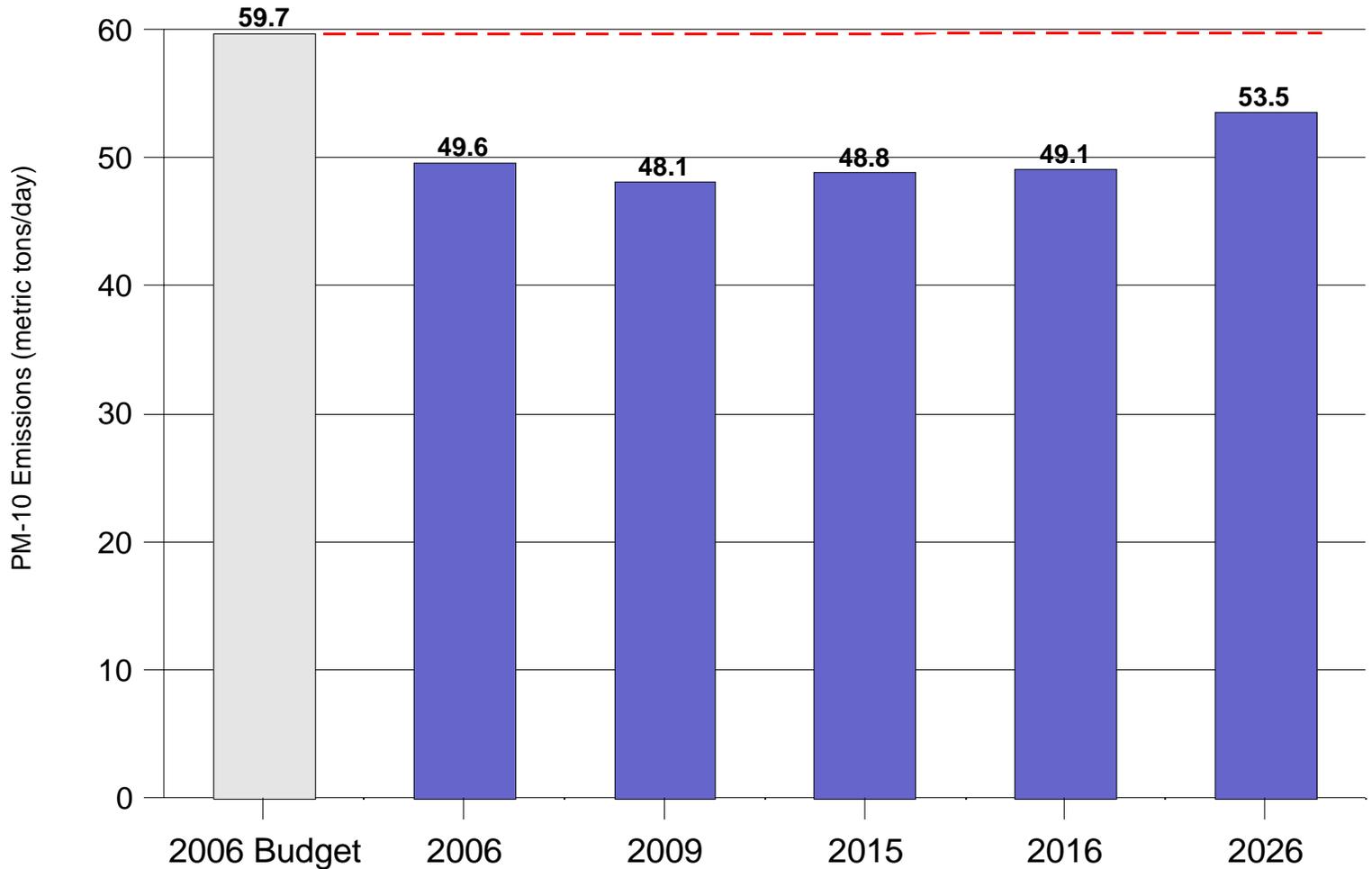


2005 MAG Conformity Analysis - FY 2004-2007 TIP and RTP

- **Analysis for new 8-hour ozone standard**
 - First conformity determination must be completed by June 15, 2005
- **Also addresses carbon monoxide, one-hour zone, and particulate matter (PM₁₀)**
- **Existing TIP and RTP were analyzed to meet June 15 deadline**
 - Avoid conformity lapse
- **Maricopa County and Apache Junction amendments to the existing TIP were included**

Particulate Matter (PM-10)

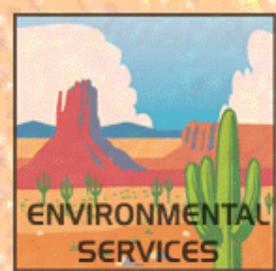
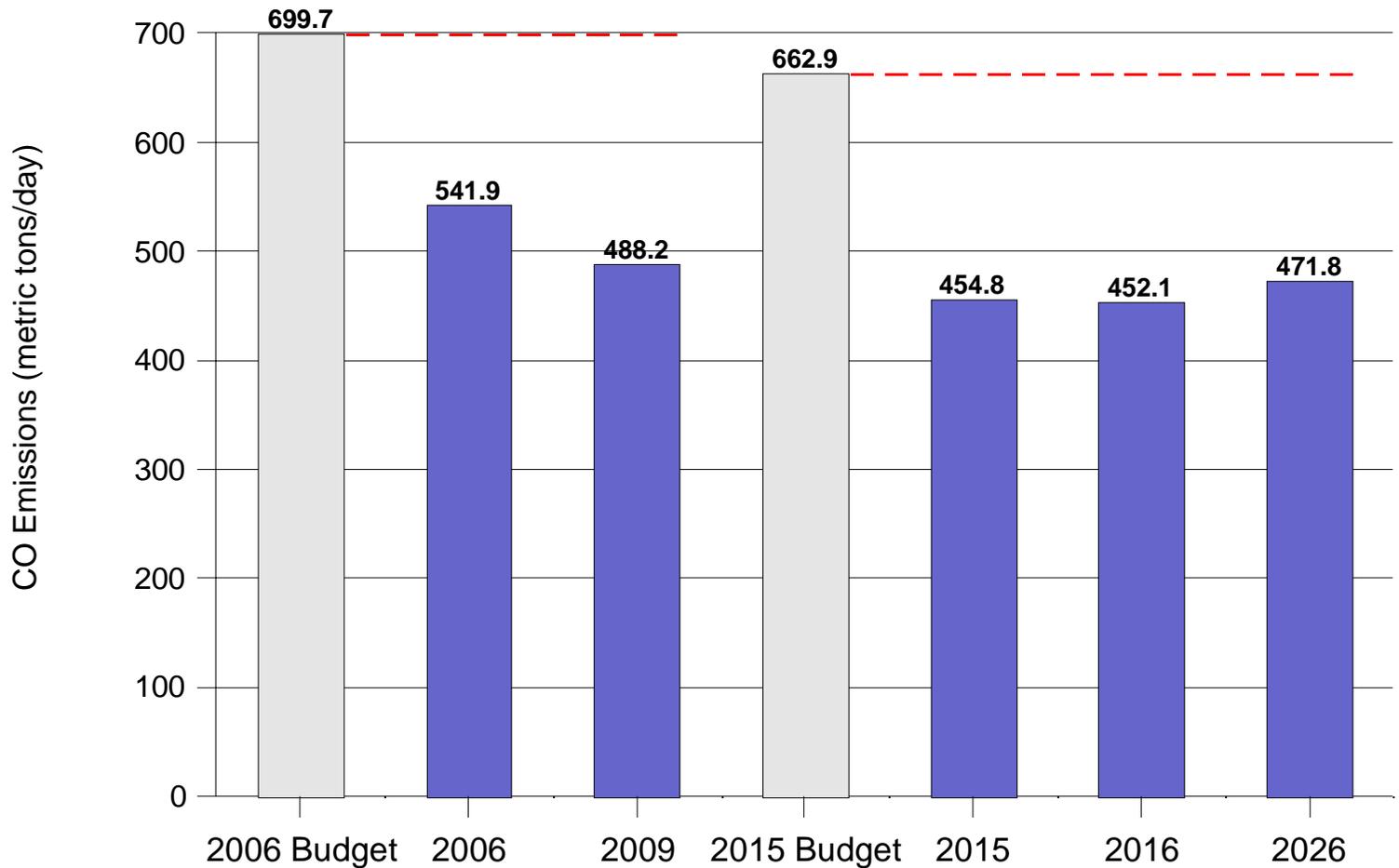
Results for Conformity Budget Test



Carbon Monoxide (CO)

Results for Conformity Budget Test

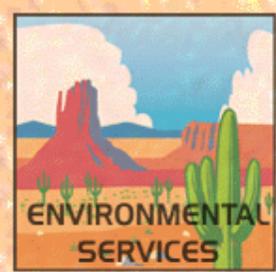
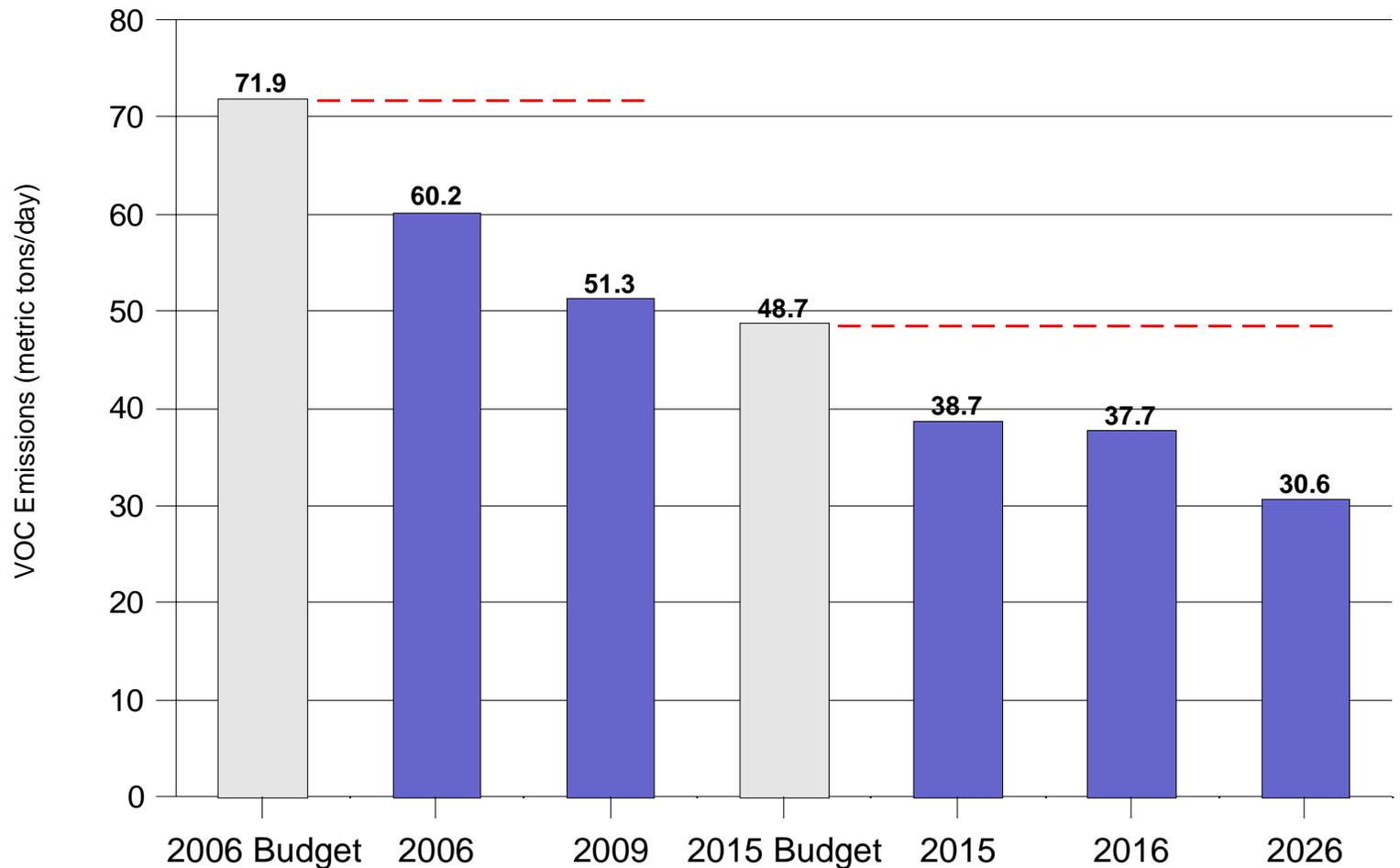
Friday in December
Episode Day Conditions



One-Hour Ozone: Volatile Organic Compounds (VOC)

Results for Conformity Budget Test

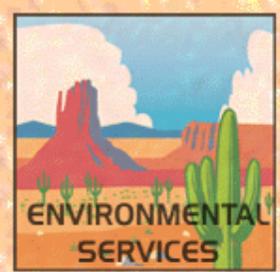
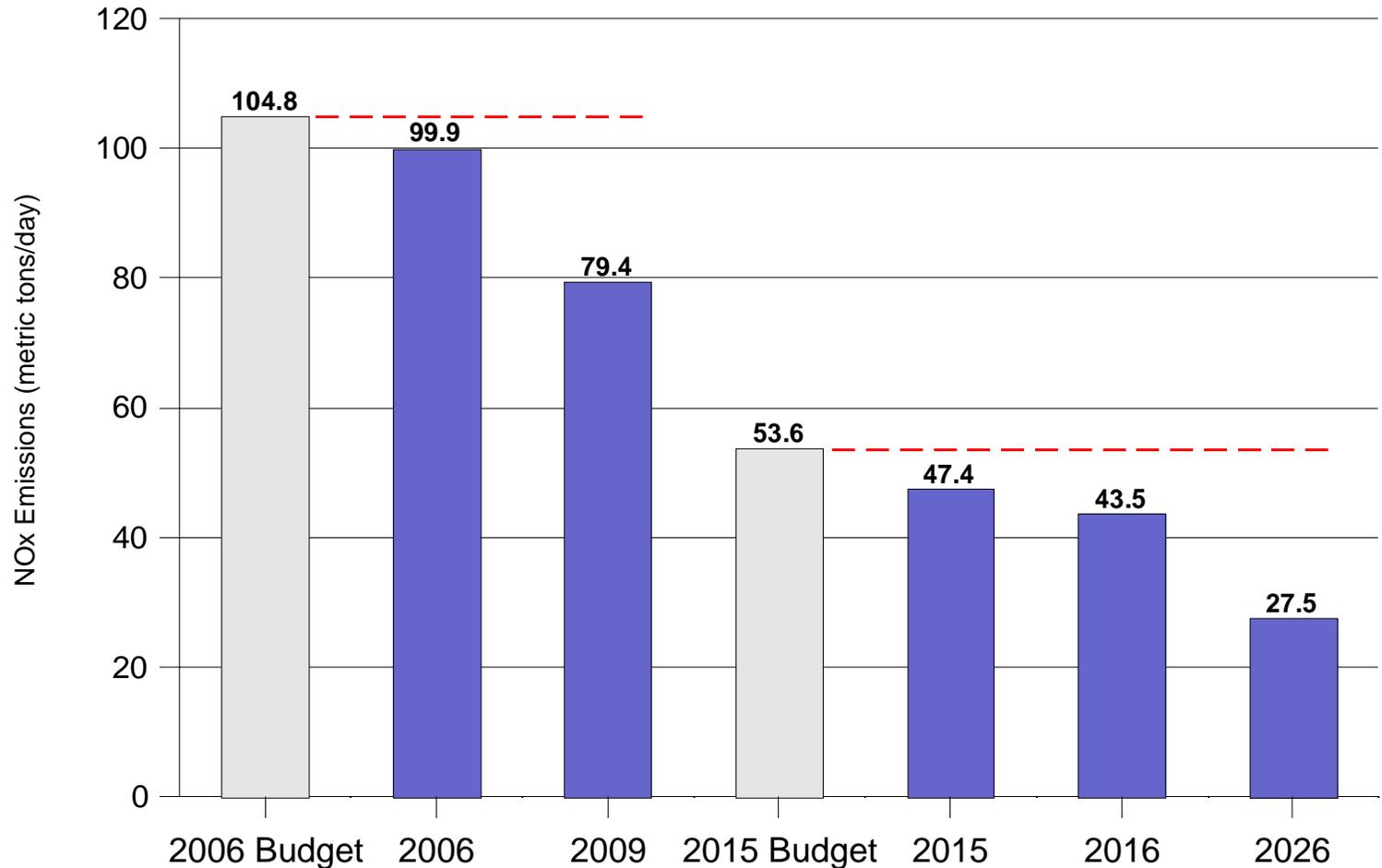
Tuesday in August
Episode Day Conditions



One-Hour Ozone: Nitrogen Oxides (NOx)

Results for Conformity Budget Test

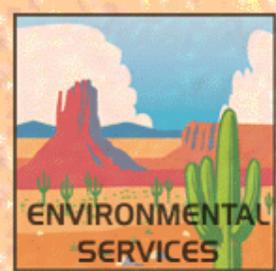
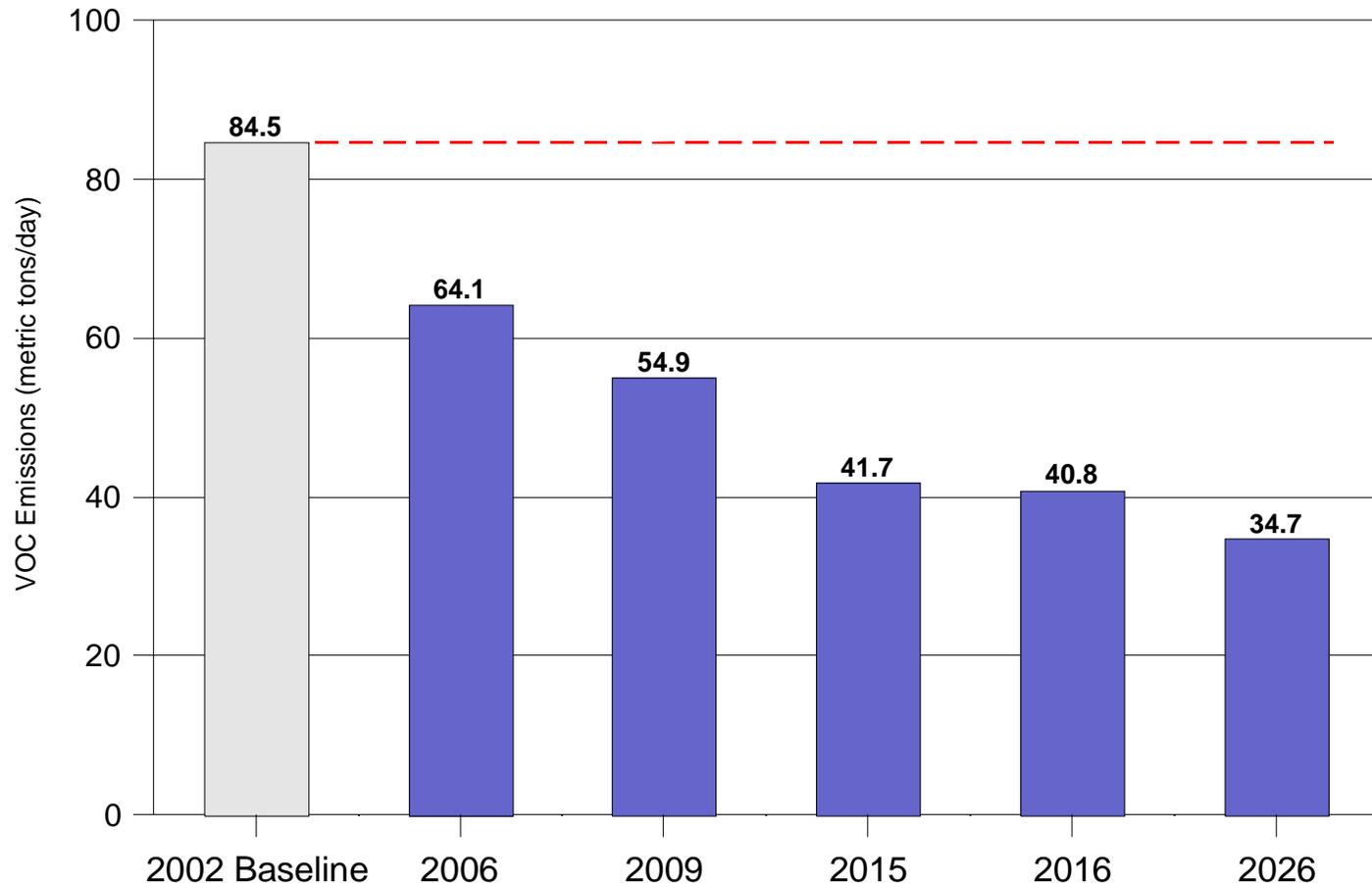
Tuesday in August
Episode Day Conditions



Eight-Hour Ozone: Volatile Organic Compounds (VOC)

Results for 2002 Baseline Emissions Test for the Eight-Hour Ozone Nonattainment Area

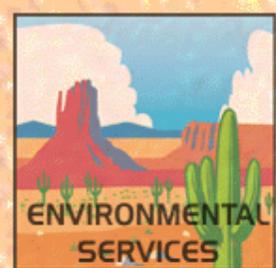
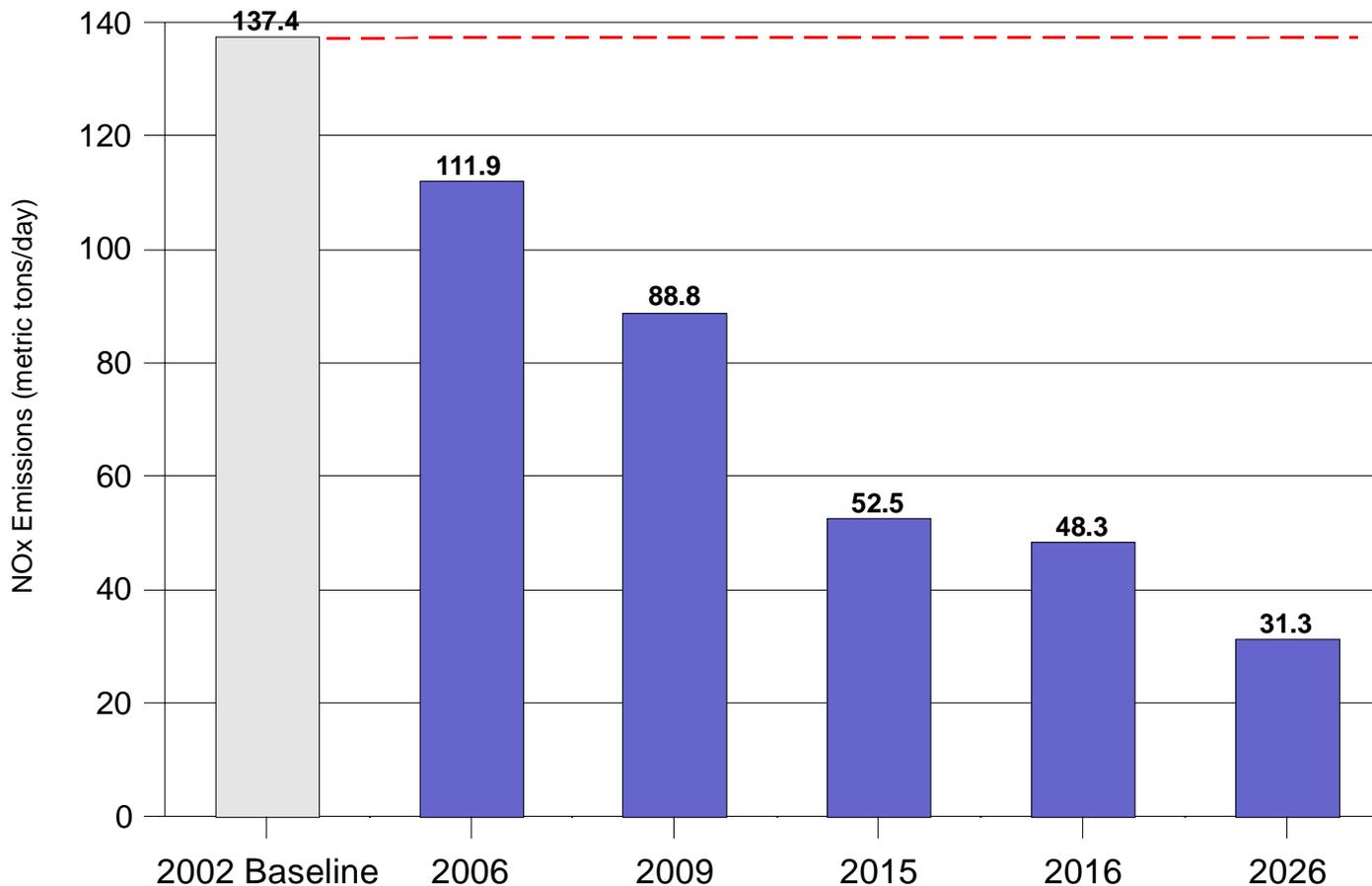
Tuesday in August
Episode Day Conditions



Eight-Hour Ozone: Nitrogen Oxides (NOx)

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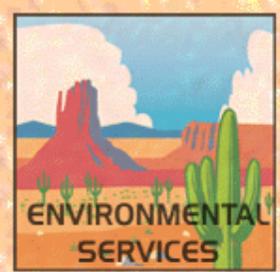
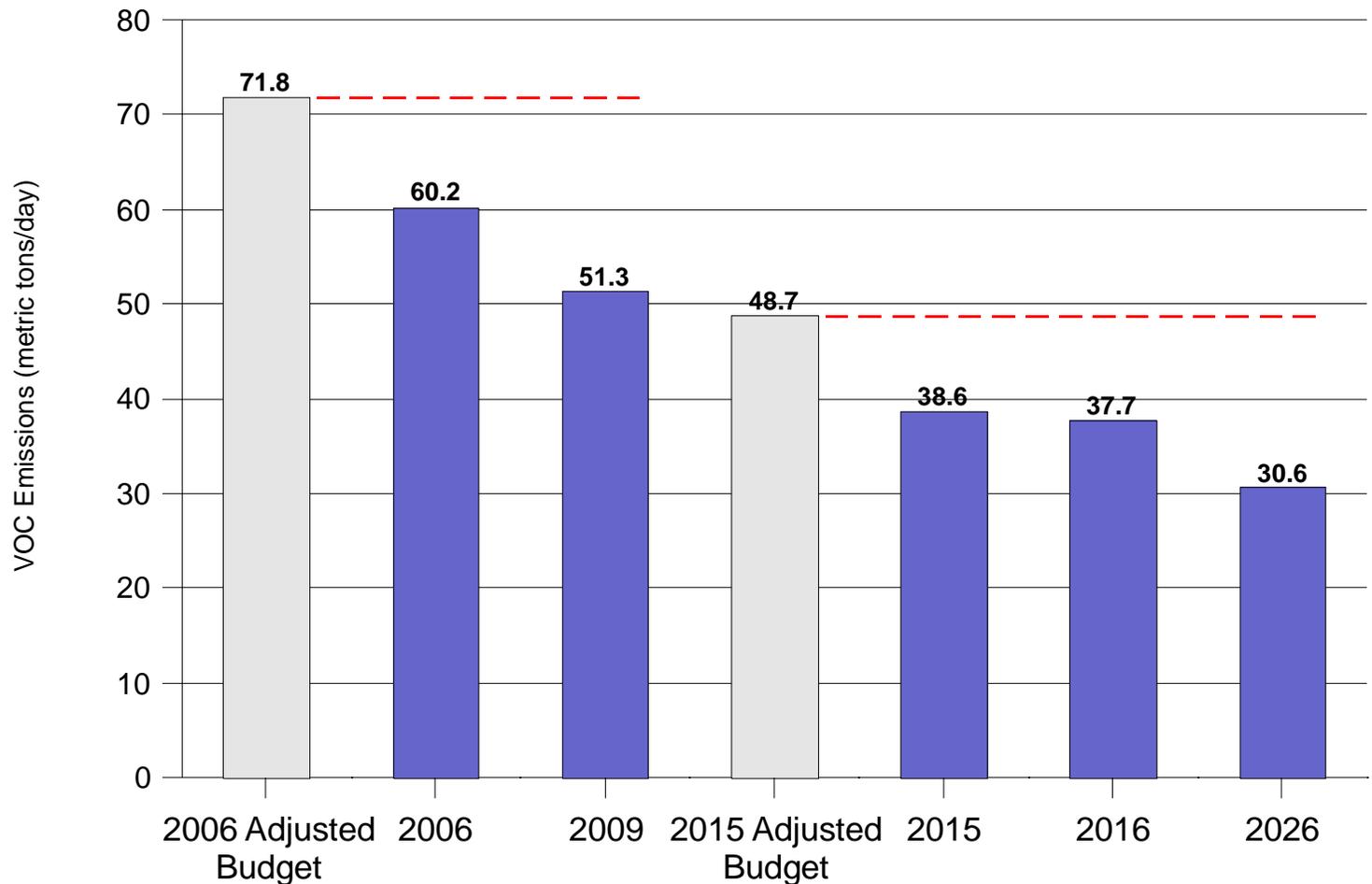
Tuesday in August
Episode Day Conditions



Eight-Hour Ozone: Volatile Organic Compounds (VOC)

Results for Adjusted One-Hour Ozone Budget Test

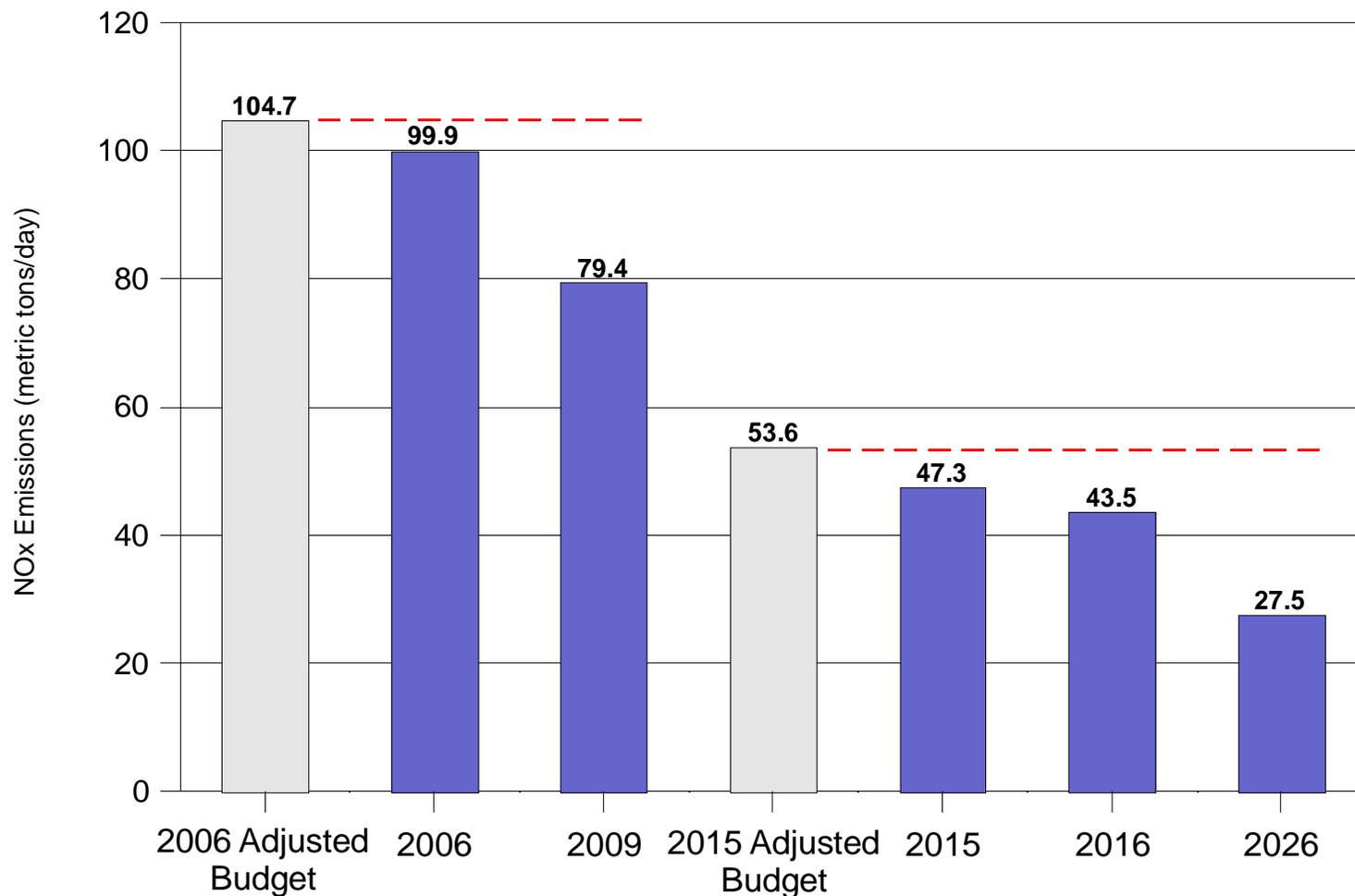
Tuesday in August
Episode Day Conditions



Eight-Hour Ozone: Nitrogen Oxides (NOx)

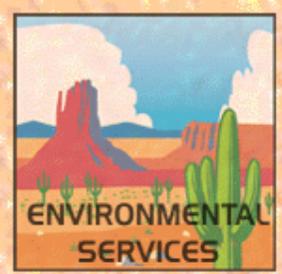
Results for Adjusted One-Hour Ozone Budget Test

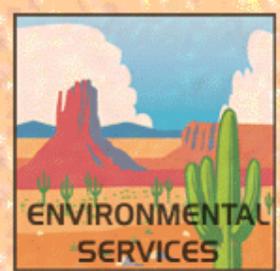
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Episode Day Conditions



Conformity Schedule

- **March 27, 2005 - Documents were available for 30-day public review**
- **April 25, 2005 - Public hearing was held**
- **May 5, 2005 - Air Quality Technical Advisory Committee made recommendation**
- **May 11, 2005 - MAG Management Committee made a recommendation**
- **May 16, 2005 - MAG Executive Committee approved conformity analysis**
- **May 25, 2005 - MAG Regional Council may ratify MAG Executive Committee action**
- **June 15, 2005 - Deadline for U.S. DOT conformity determination**





For more information

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